

## IN THE UNITED STATES RECEIVING OFFICE

Applicant : Helena Seppanen et al.  
Serial No. : 09/646,204  
Filed : September 14, 2000  
International Application: PCT/FI00/00031  
International Filing Date: 18 January 2000  
Title : PURIFICATION PROCESS USING MAGNETIC PARTICLES

BOX PCT  
Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Responsive to the Notification of Missing Requirements under 35 U.S.C. 371  
mailed October 24, 2000, Applicant as a large entity submits herewith the following:

- Payment of the basic filing fee of \$710;
- Payment of the additional/multiple dependent claims fees of \$0;
- Payment of the surcharge of \$130 for late filing of the basic filing fee and/or declaration.
- A check in the total amount of \$130 is attached.
- A Verified Statement Claiming Small Entity Status;
- A Combined Declaration and Power of Attorney in compliance with 37 CFR §1.63;
- A verified English translation of the application and payment of the \$0 fee required under 37 CFR §1.17(k); and

The PTO did not receive the following listed item(s) \$130 check  
*for Surcharge*

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

EL 224698627US

Date of Deposit

December 21, 1000

Signature

Typed or Printed Name of Person Signing Certificate

Applicant : Helena Seppane  
Serial No. : 09/646,204  
Filed : September 14, 2000  
Page : 2

Attorney's Docket No.: 09910-  
007001 / BP100140/EH/TUK

Other: Information Disclosure Statement; PTO Form-1449; 12 references.

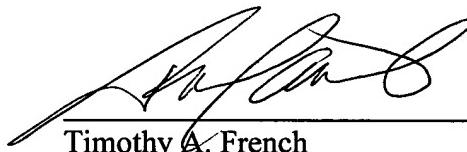
Preliminary Amendment; 2 pages.

Request for Extension of Time (1 month); check for \$110.00.

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

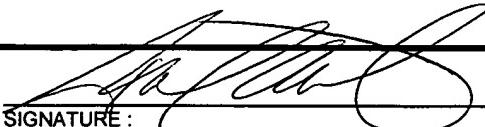
Date: 12/21/2000



Timothy A. French  
Reg. No. 30,175

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Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

SUBSTITUTE FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 09510-007001 <i>FL3</i>												
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If Known, see 37 CFR 1.5) 09/646,204												
INTERNATIONAL APPLICATION NO. PCT/FI00/00031	INTERNATIONAL FILING DATE 18 January 2000	PRIORITY DATE CLAIMED 18 January 1999												
TITLE OF INVENTION PURIFICATION PROCESS USING MAGNETIC PARTICLES														
APPLICANT(S) FOR DO/EO/US Timo Karmeniem, Helena Seppanen, Jukka Tuunanen and Pekka Palomaki														
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:														
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).</li> <li>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>														
Items 11 to 16 below concern other documents or information included:														
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.             <ol style="list-style-type: none"> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> </ol> </li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information:</li> </ol>														
12/27/2000 URGENT 09510-007001-0964664 <input checked="" type="checkbox"/> Response to Notice of Missing Requirements <input checked="" type="checkbox"/> Request for Extension of Time; Check for \$110.00 01 FC 156 <input type="checkbox"/> 130.00 0P 02 FC 115 <input type="checkbox"/> 110.00 0P														
<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>CERTIFICATE OF MAILING BY EXPRESS MAIL</b></p> <p>I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Date of Deposit</td> <td style="width: 40%; text-align: center;"><u>Dec 21, 2000</u></td> <td style="width: 30%; text-align: right;">Signature</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Victor Mahoney</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Victor Mahoney</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Typed Name of Person Signing</td> </tr> </table> </div>			Date of Deposit	<u>Dec 21, 2000</u>	Signature			Victor Mahoney			Victor Mahoney			Typed Name of Person Signing
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U.S. APPLICATION NO. (IF KNOWN) 09/646,204	INTERNATIONAL APPLICATION NO. PCT/FI00/00031	ATTORNEY'S DOCKET NUMBER 09910-007001		
17. <input checked="" type="checkbox"/> The following fees are submitted:  <b>Basic National F (37 CFR 1.492(a)(1)-(5) ):</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1000  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$860  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$710  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$690  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100		CALCULATIONS PTO USE ONLY		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$0.00		
Surcharge of \$130 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$0.00		
Claims	Number Filed	Number Extra	Rate	
Total Claims	- 20 =		x \$18	\$0.00
Independent Claims	- 3 =		x \$80	\$0.00
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$270	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$0.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$0.00		
<b>SUBTOTAL =</b>		\$0.00		
Processing fee of \$130 for furnishing the English Translation later than <input checked="" type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f))		\$130.00		
<b>TOTAL NATIONAL FEE =</b>		\$130.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$0.00		
<b>TOTAL FEES ENCLOSED =</b>		\$130.00		
		Amount to be refunded: \$		
		Charged: \$		
a. <input checked="" type="checkbox"/> A check in the amount of \$130.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.				
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b>				
SEND ALL CORRESPONDENCE TO:				
Timothy A. French FISH & RICHARDSON P.C. 225 Franklin Street Boston, MA 02110-2804 (617) 542-5070 phone (617) 542-8906 facsimile		 SIGNATURE: NAME: Timothy A. French REGISTRATION NUMBER: 30,175		